

**FIG. 3A**

AGENT IDENTIFIER	SKILLS	LOCATION	AVAILABILITY
1	SPANISH ELECTRONICS	1	AVAILABLE
2	ELECTRONICS	1	NOT AVAILABLE
3	ELECTRONICS APPLIANCES	3	AVAILABLE
4	GERMAN HARDWARE	4	AVAILABLE
⋮	⋮	⋮	⋮

302  
 216  
 218  
 220  
 300

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304 306 308

RESOURCE	LOCATION	NEARBY AREAS
ELECTRONICS DEPARTMENT	1	2, 3
LUMBER DEPARTMENT	2	1
APPLIANCES DEPARTMENT	3	1, 4
HARDWARE DEPARTMENT	4	3

310 306

312	REQUESTED RESOURCE LOCATION				
	1	2	3	4	
POSSIBLE AGENT POSITIONS	1	10	7	6	1
	2	7	10	7	5
	3	6	7	10	8
	4	1	5	8	10

FIG. 3B  
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FIG. 3C

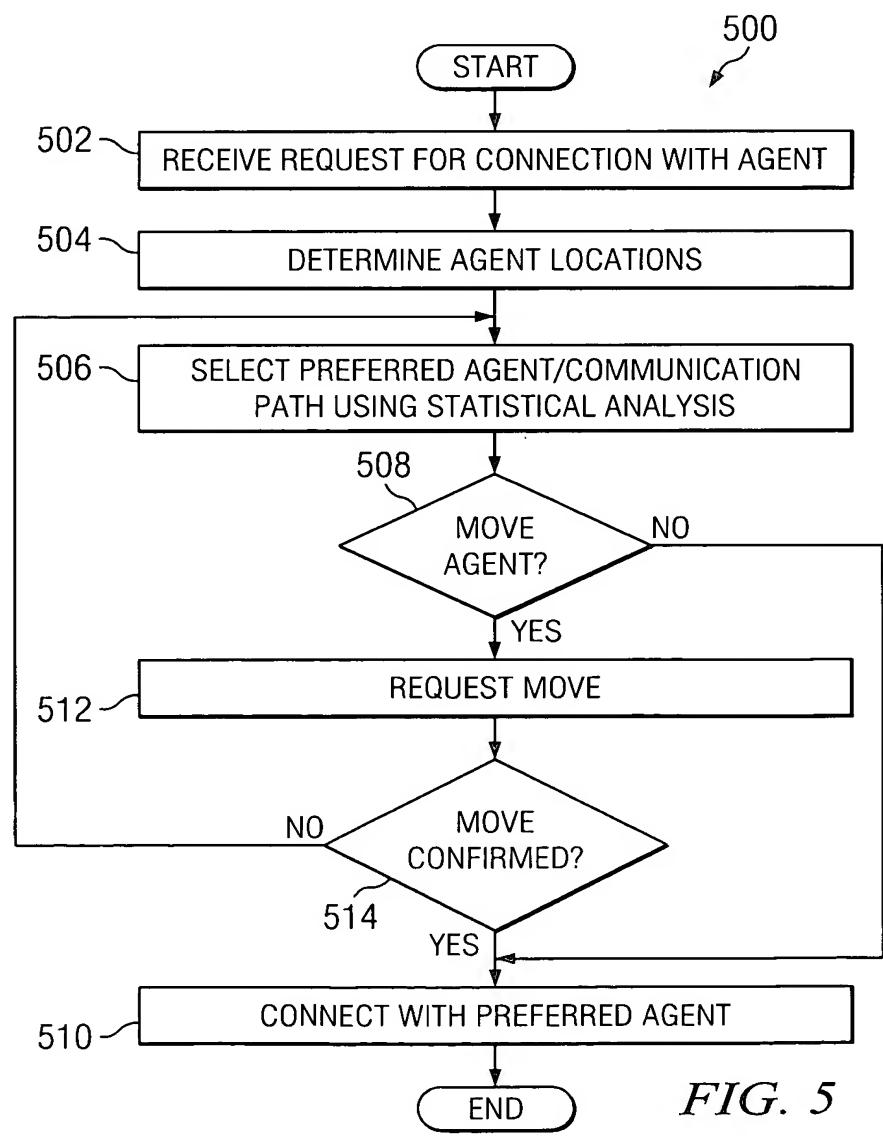


FIG. 5

*FIG. 4*

